

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052521.D
 Acq On : 28 Nov 2018 15:55
 Operator : MD\SY
 Sample : J5996-01MEDL 100X
 Misc : 5.86g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01RMEDL

Manual Integrations
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MMDadoda
 11/29/2018 9:34:27 AM

Quant Time: Nov 29 01:02:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1461146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2209872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1846651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	683366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	716769	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	7.59	113	654082	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.09	98	2656211	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	812247	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	106374	4.194	ug/l #	84
40) Benzene	8.04	78	334334	5.376	ug/l	100
52) Toluene	10.16	92	1826394	49.428	ug/l	99
67) Ethyl Benzene	11.51	91	734150	11.010	ug/l	99
68) m/p-Xylenes	11.62	106	963388	38.809	ug/l	100
69) o-Xylene	11.95	106	350199	14.528	ug/l	99
73) Isopropylbenzene	12.25	105	75539	1.409	ug/l	100
78) n-propylbenzene	12.59	91	353114	5.797	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	441304	10.321	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1386033	32.344	ug/l	100
85) sec-Butylbenzene	13.17	105	26339m	0.507	ug/l	
89) n-Butylbenzene	13.62	91	43778	1.190	ug/l #	65
95) Naphthalene	15.14	128	78379	6.266	ug/l #	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

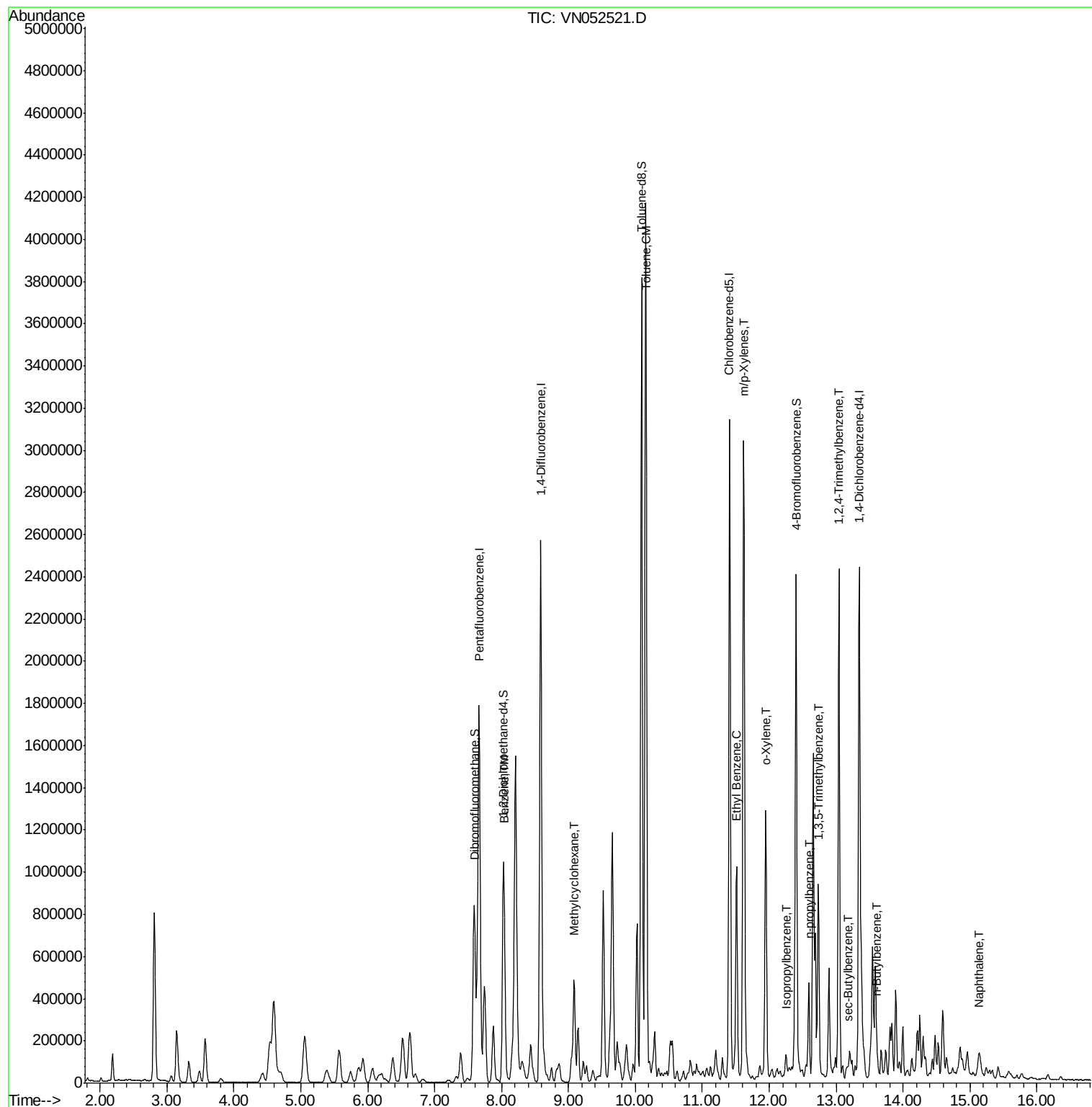
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112818\
Data File : VN052521.D
Acq On : 28 Nov 2018 15:55
Operator : MD\SY
Sample : J5996-01MEDL 100X
Misc : 5.86µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 28

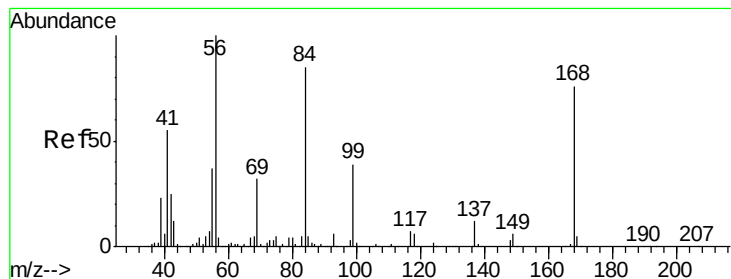
Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

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Quant Time: Nov 29 01:02:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01RMEDL

Tot Ion:168 Resp: 1461146

Ion Ratio Lower Upper

168 100

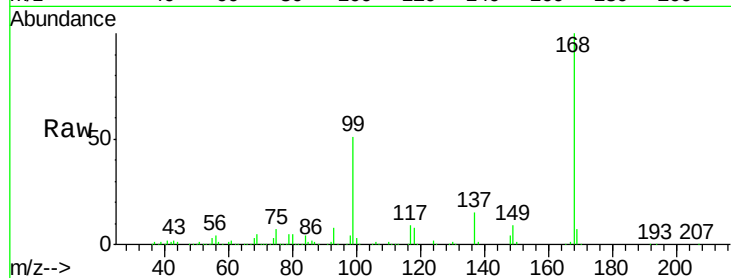
99 50.9 41.7 62.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

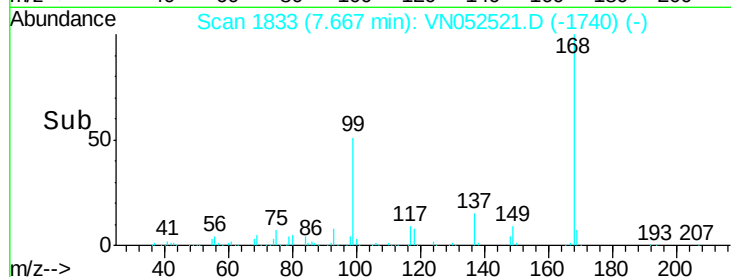
600000

400000

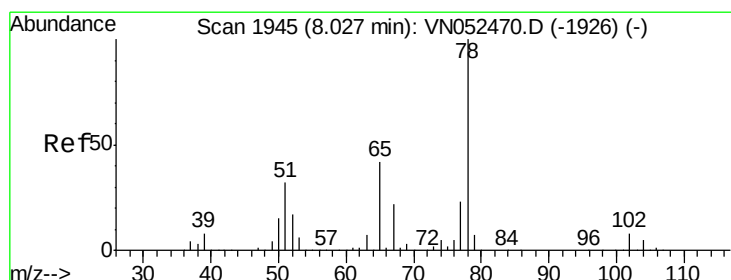
200000

0

7.50 7.60 7.70 7.80



Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052521.D

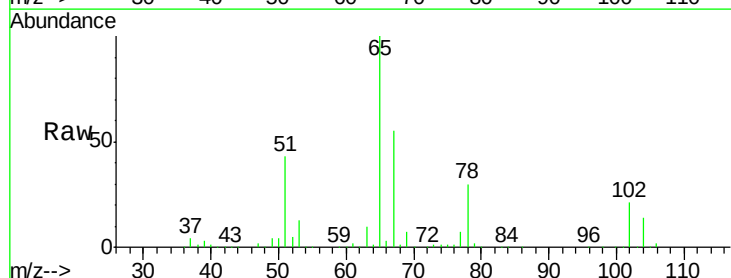
Acq: 28 Nov 2018 15:55

Tgt Ion: 65 Resp: 716769

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

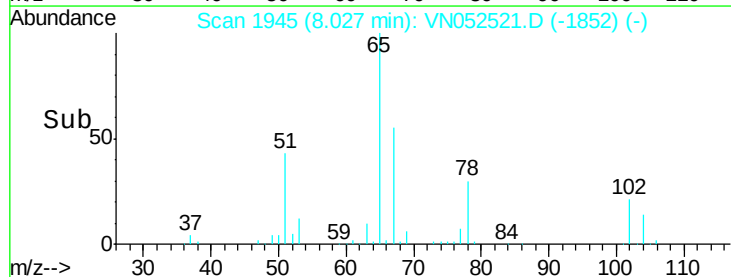
300000

200000

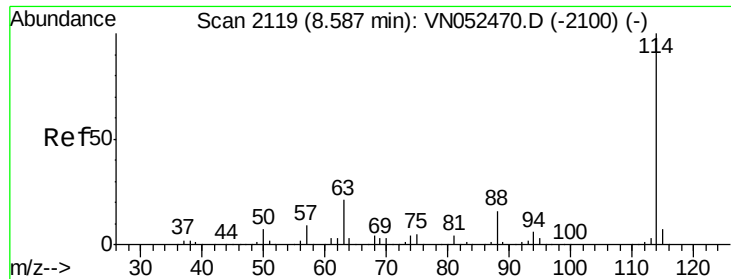
100000

0

7.90 8.00 8.10 8.20



Time-->



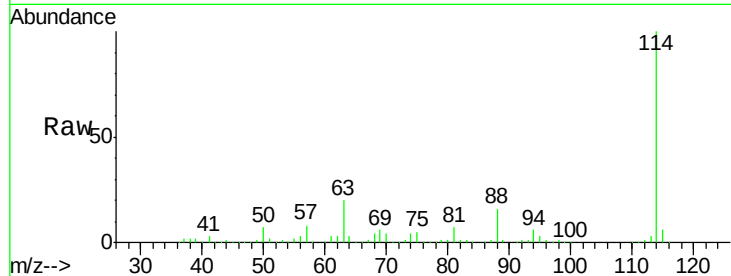
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052521.D
 Acq: 28 Nov 2018 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC2-01RMEDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.8
88	15.7	0.0	31.6

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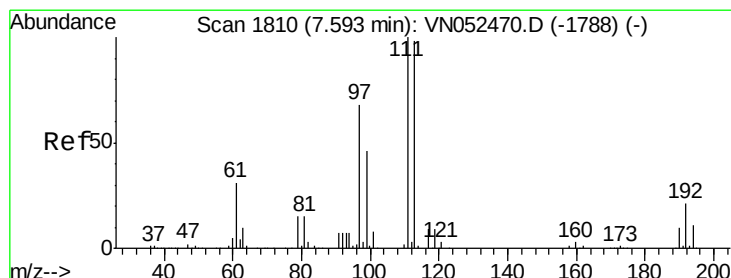
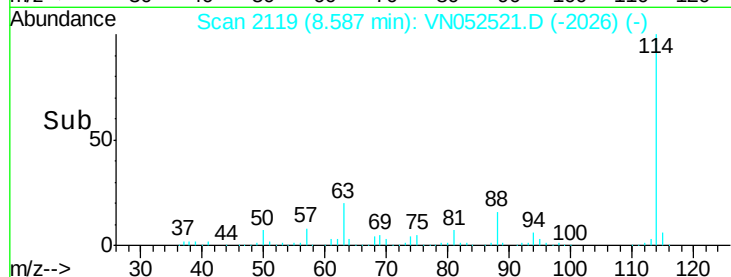
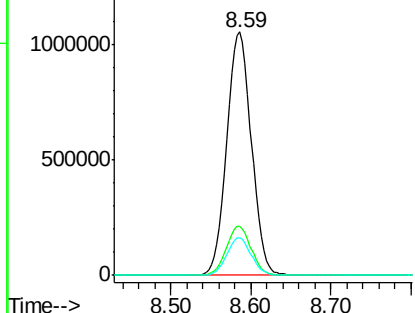
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Abundance Ion 113.90 (113.60 to 114.60): V

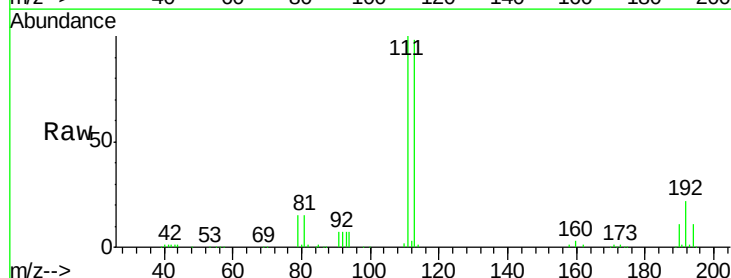
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052521.D
 Acq: 28 Nov 2018 15:55

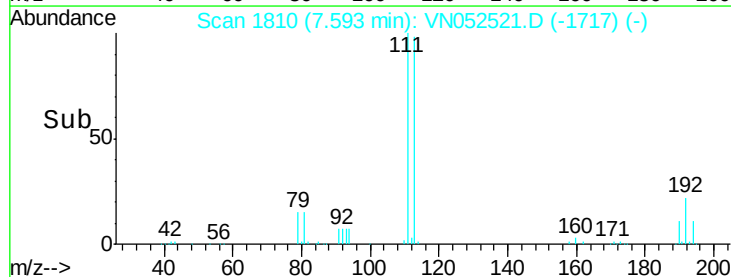
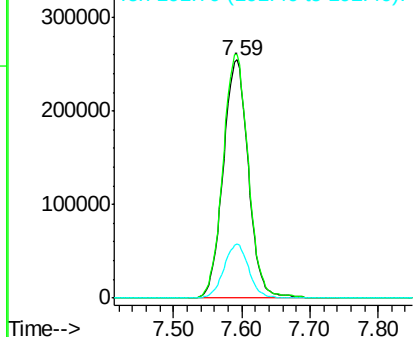
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	22.2	17.0	25.6

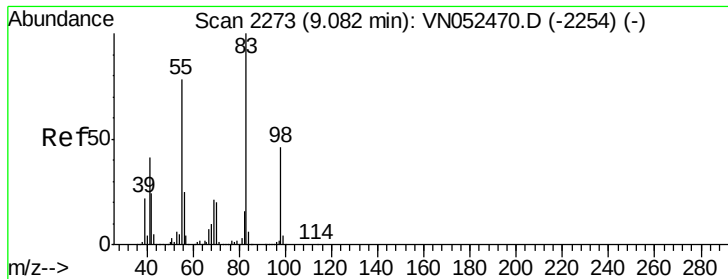


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





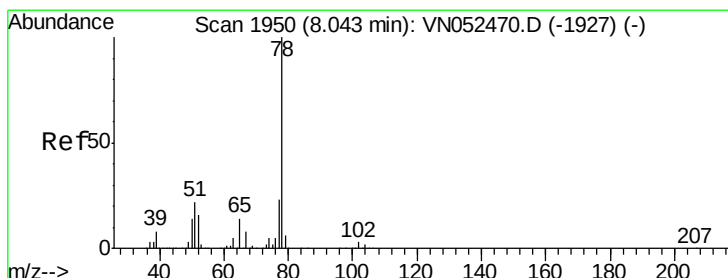
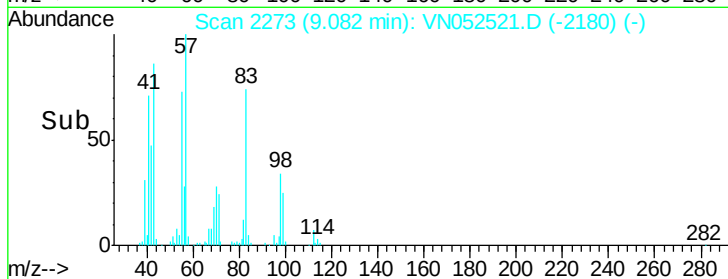
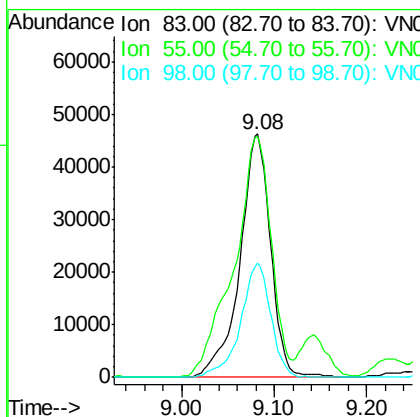
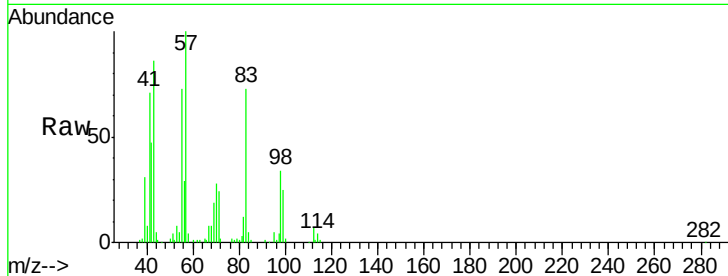
#39
Methylvlcyclohexane
Concen: 4.194 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

Tot Ion	Ratio	Lower	Upper
83	100		
55	98.2	62.2	93.2#
98	46.9	36.4	54.6

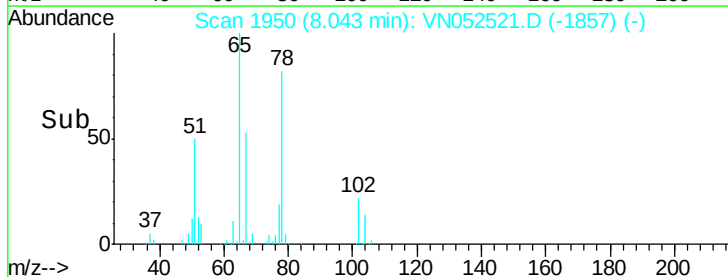
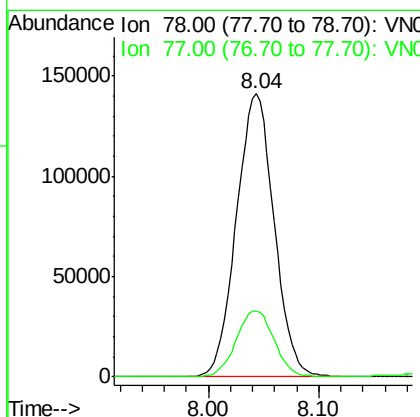
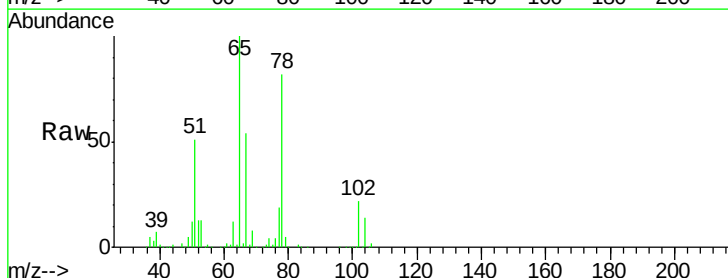
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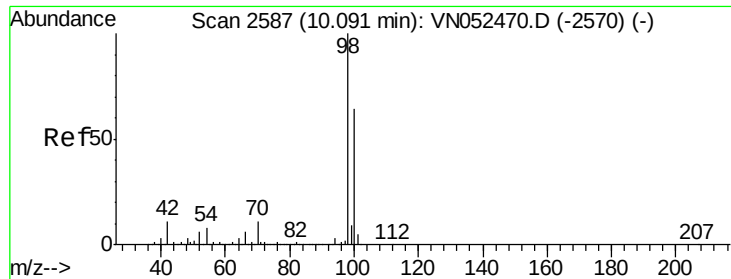
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#40
Benzene
Concen: 5.376 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01RMEDL

Tot Ion: 98 Resp: 2656211

Ion Ratio Lower Upper

98 100

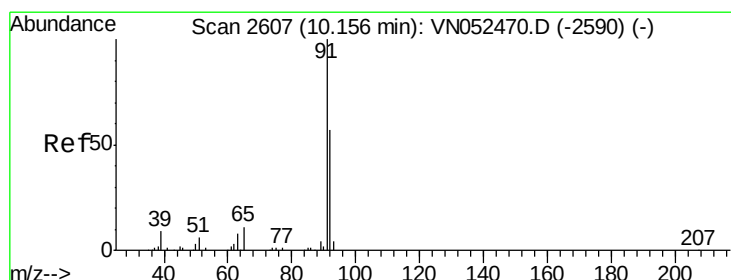
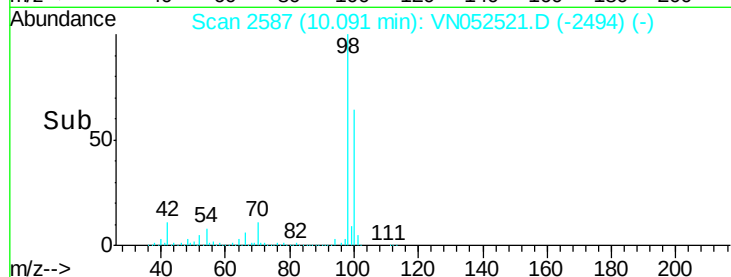
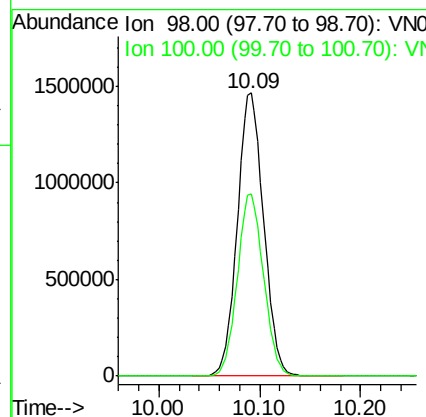
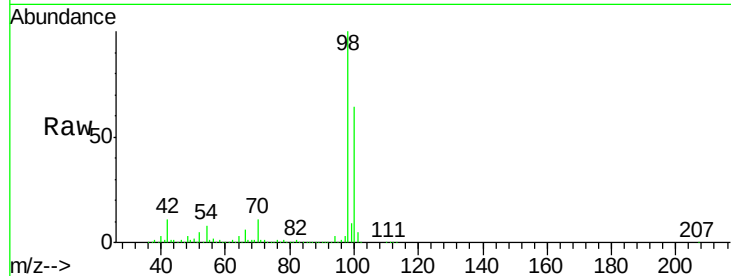
100 64.0 51.3 76.9

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#52

Toluene

Concen: 49.428 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052521.D

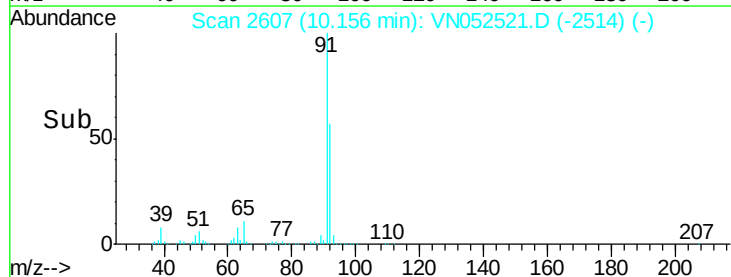
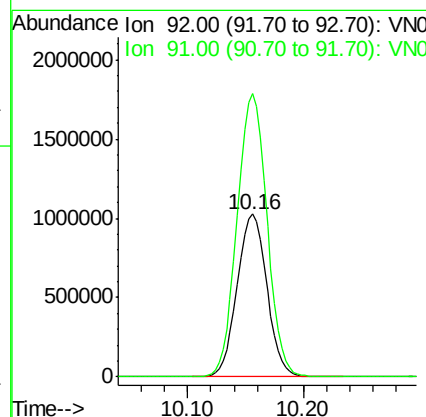
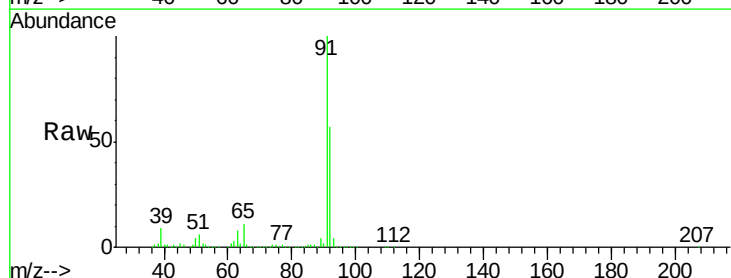
Acq: 28 Nov 2018 15:55

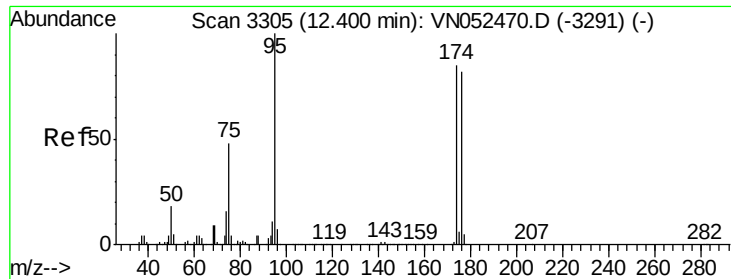
Tgt Ion: 92 Resp: 1826394

Ion Ratio Lower Upper

92 100

91 175.3 141.0 211.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

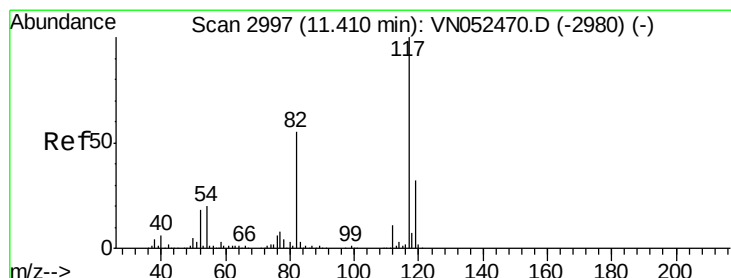
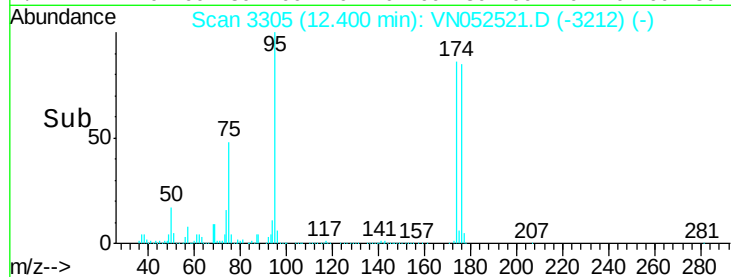
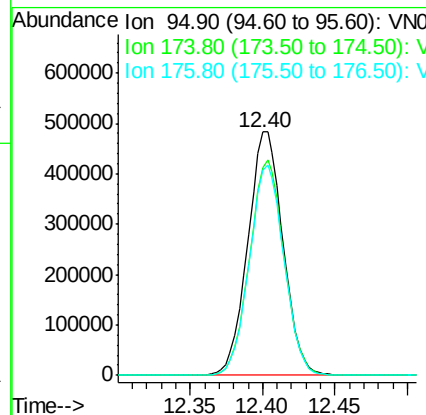
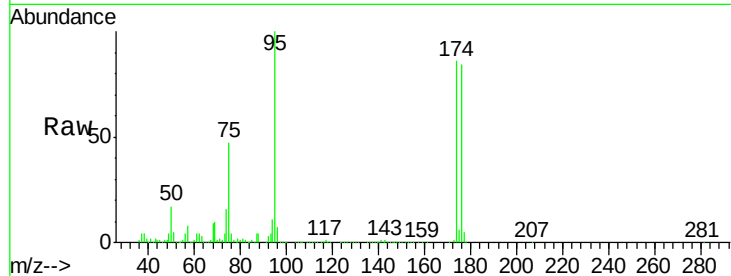
ClientSampleId :

AOC2-01RMEDL

Tot Ion:	95	Resp:	812247
Ion Ratio	Lower	Upper	
95	100		
174	87.1	0.0	173.0
176	85.4	0.0	166.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

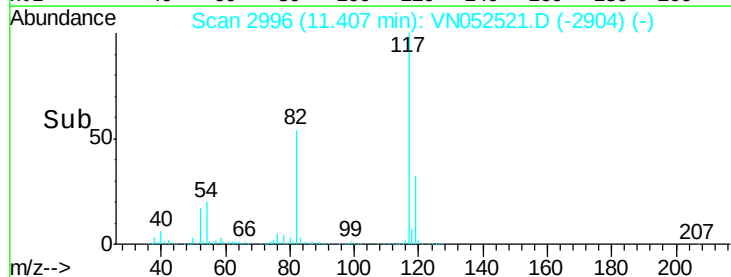
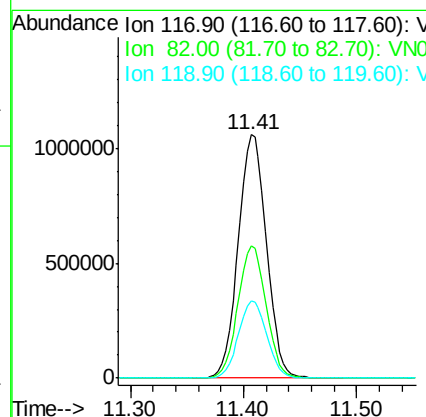
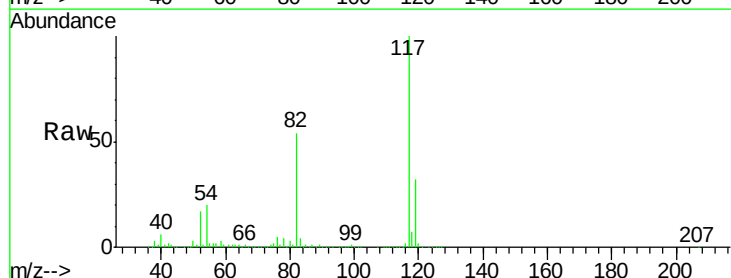
RT: 11.41 min Scan# 2996

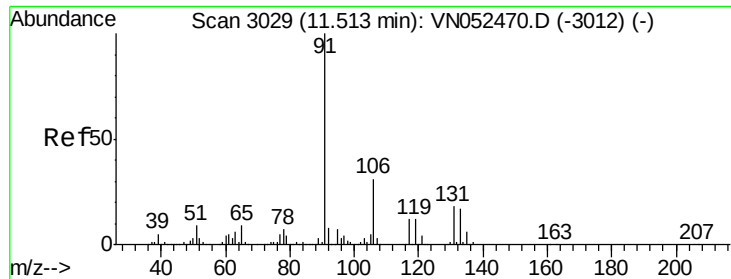
Delta R.T. -0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Tgt Ion:	117	Resp:	1846651
Ion Ratio	Lower	Upper	
117	100		
82	54.2	43.6	65.4
119	31.6	25.4	38.2





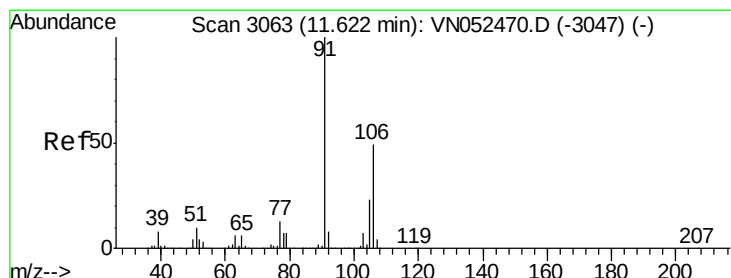
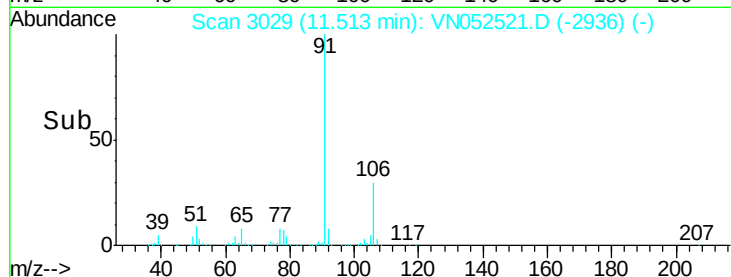
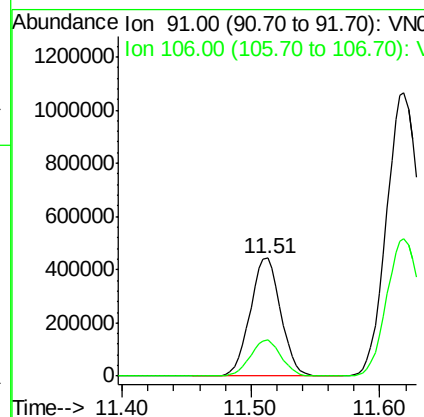
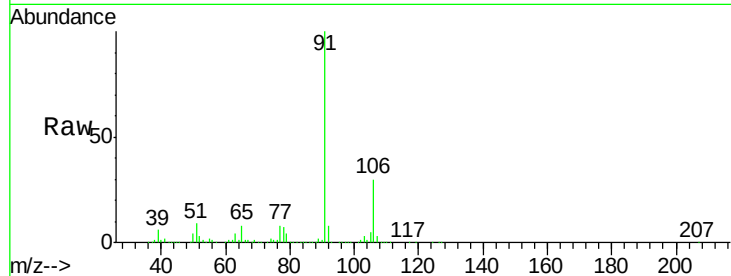
#67
Ethyl Benzene
Concen: 11.010 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

Tot Ion: 91 Resp: 734150
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

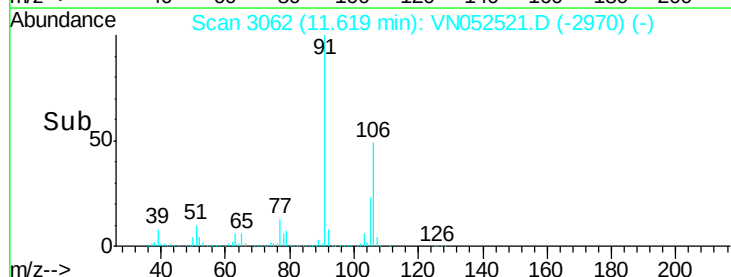
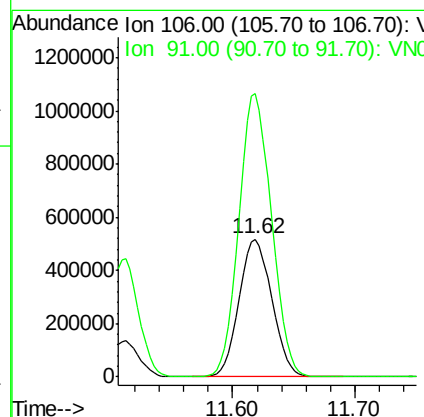
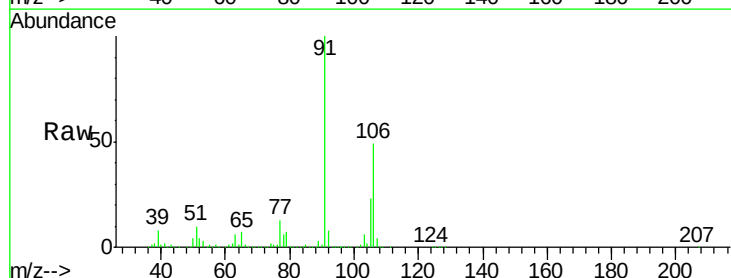
Manual Integrations
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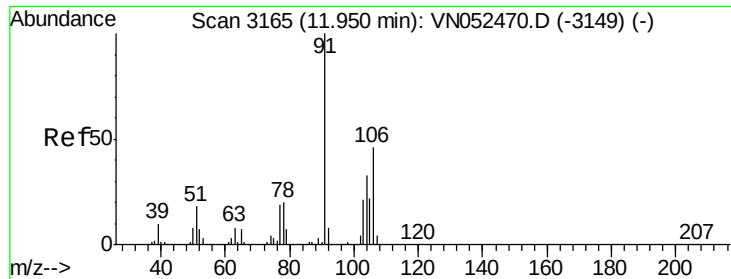
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#68
m/p-Xylenes
Concen: 38.809 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Tgt Ion: 106 Resp: 963388
Ion Ratio Lower Upper
106 100
91 204.4 163.2 244.8





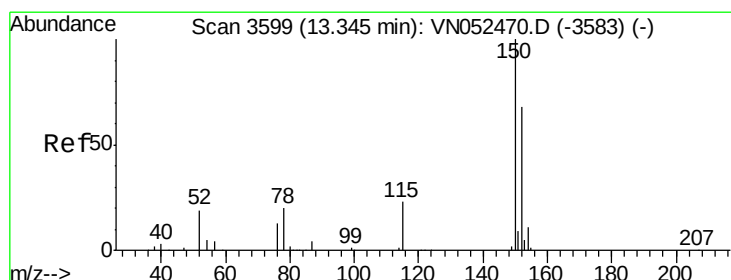
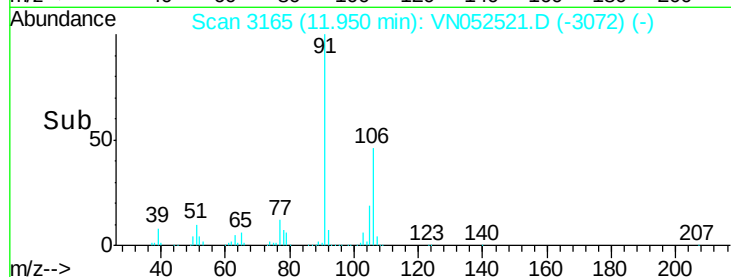
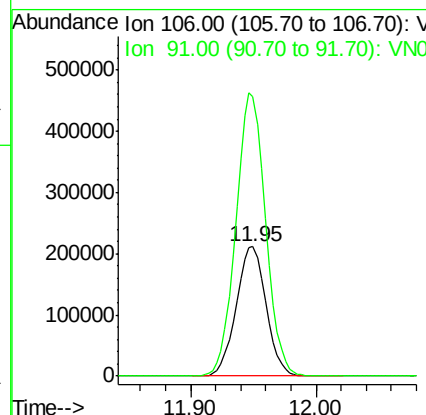
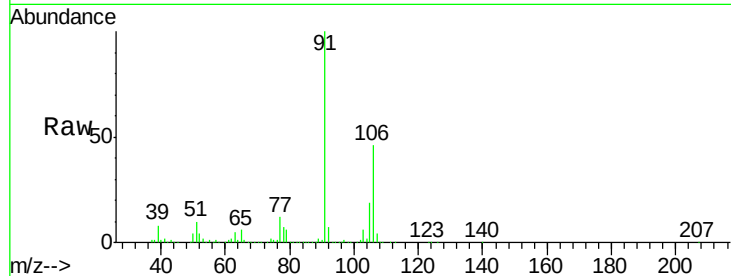
#69
o-Xylene
Concen: 14.528 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

Tot Ion:106 Resp: 350199
Ion Ratio Lower Upper
106 100
91 216.4 107.7 323.1

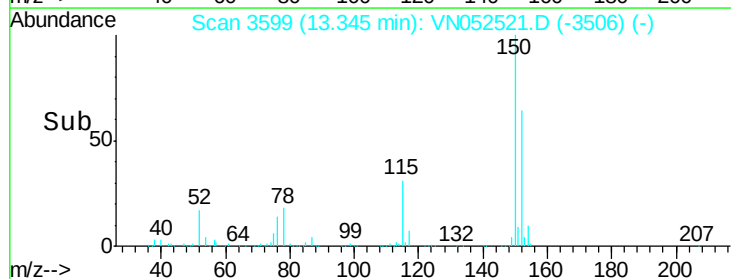
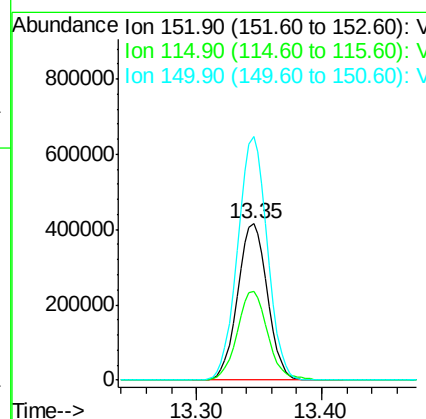
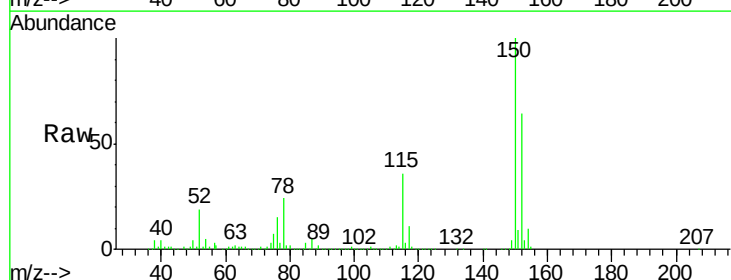
Manual Integrations
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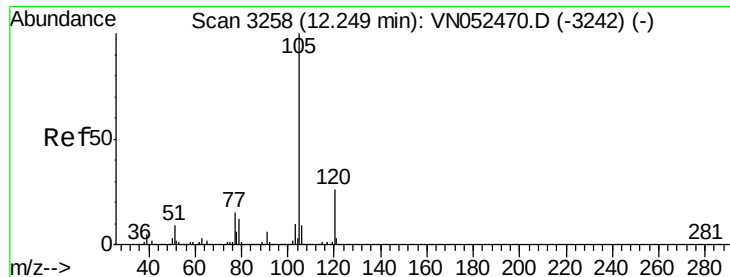
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Tgt Ion:152 Resp: 683366
Ion Ratio Lower Upper
152 100
115 58.2 28.4 85.2
150 155.2 0.0 346.0





#73

Isopropylbenzene

Concen: 1.409 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01RMEDL

Tot Ion: 105 Resp: 75539

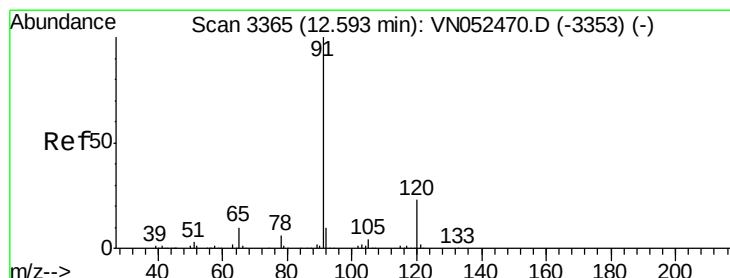
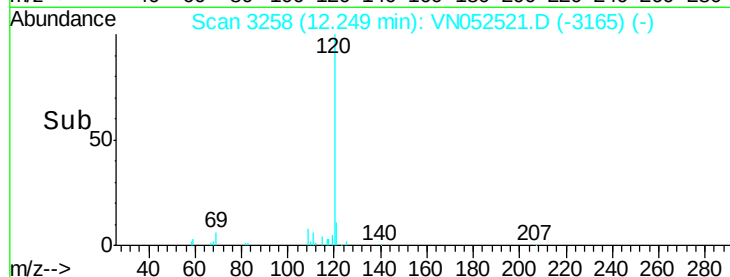
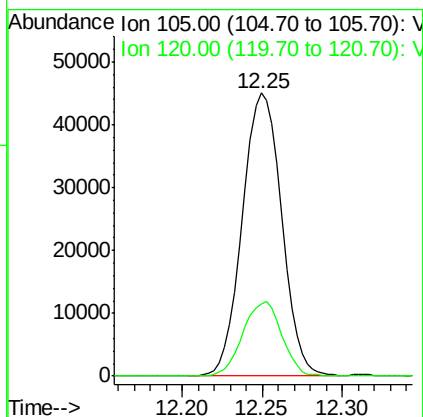
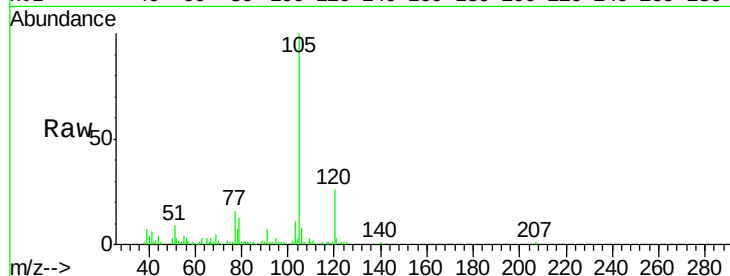
Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3

Manual Integrations
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#78

n-propylbenzene

Concen: 5.797 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052521.D

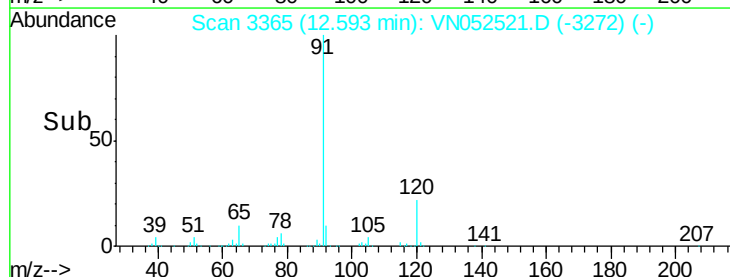
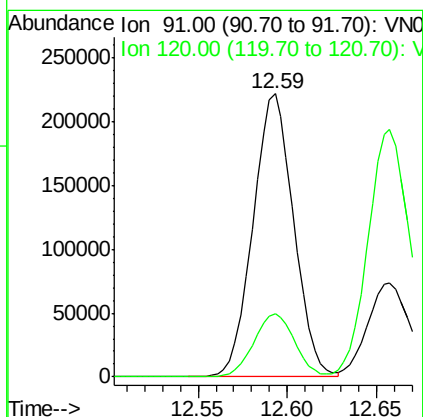
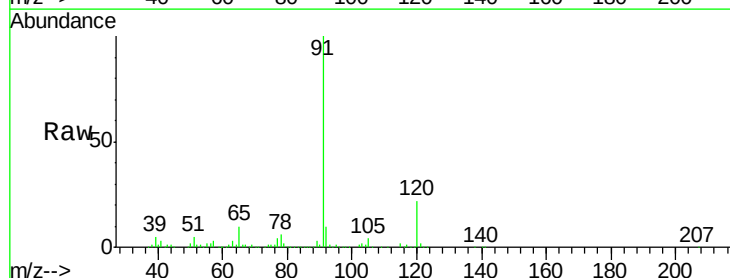
Acq: 28 Nov 2018 15:55

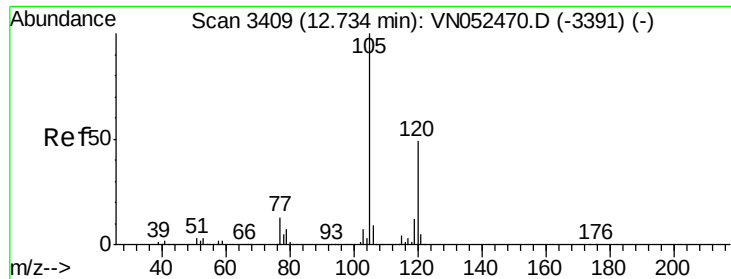
Tgt Ion: 91 Resp: 353114

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9





#80

1,3,5-Trimethylbenzene

Concen: 10.321 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01RMEDL

Tot Ion:105 Resp: 441304

Ion Ratio Lower Upper

105 100

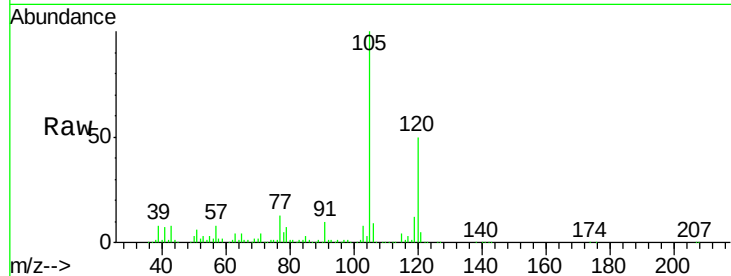
120 49.8 24.3 73.0

Manual Integrations

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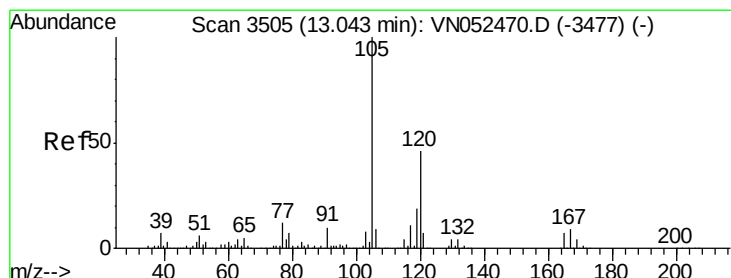
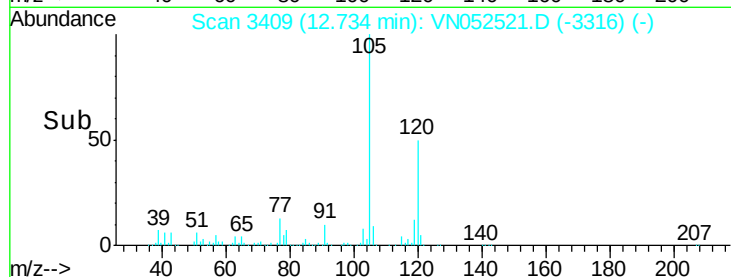
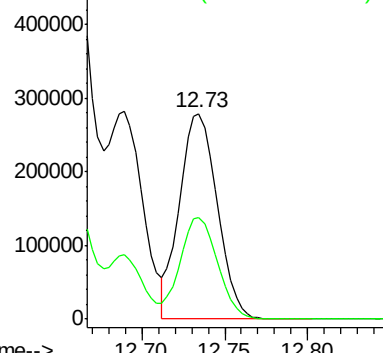
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 32.344 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052521.D

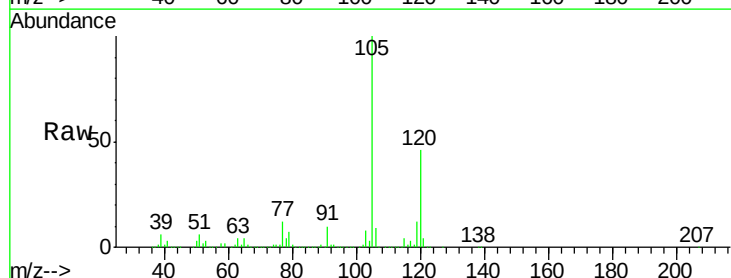
Acq: 28 Nov 2018 15:55

Tgt Ion:105 Resp: 1386033

Ion Ratio Lower Upper

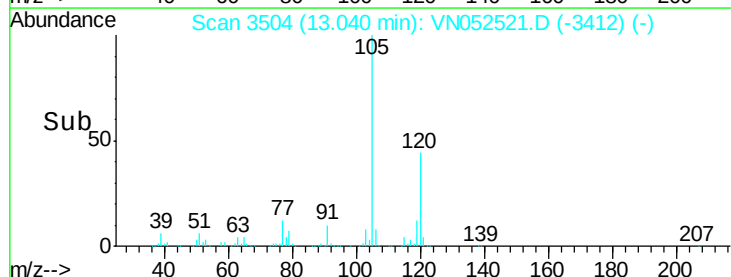
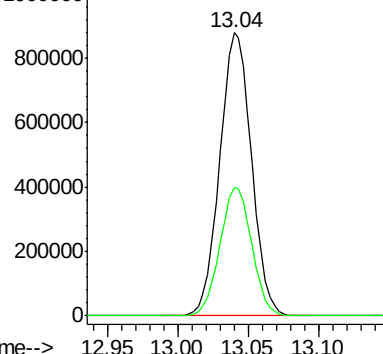
105 100

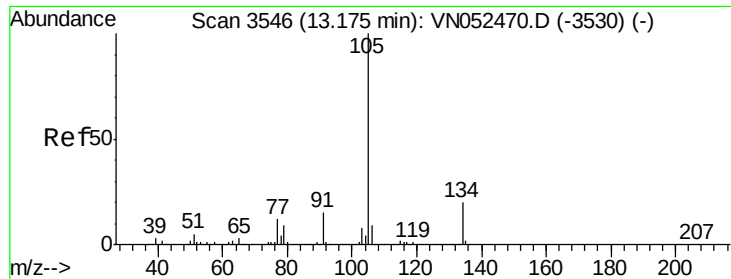
120 45.6 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.507 ug/l m

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

AOC2-01RMEDL

Tot Ion:105 Resp: 26339

Ion Ratio Lower Upper

105 100

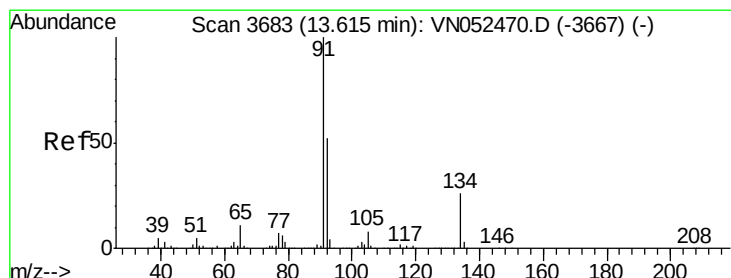
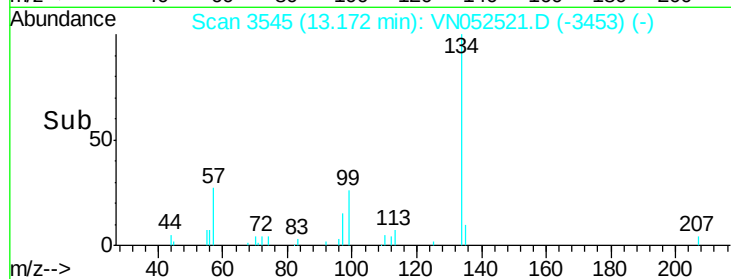
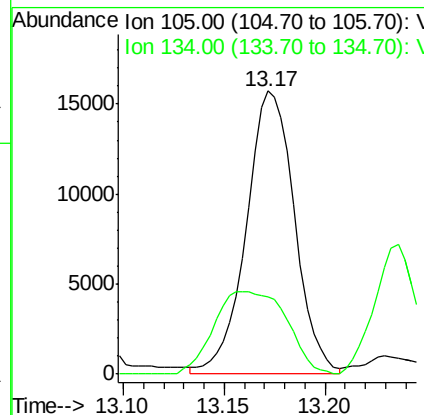
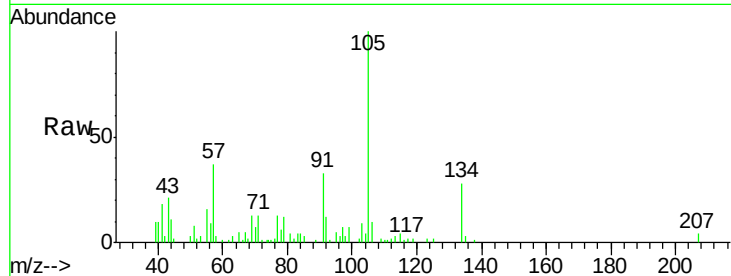
134 0.0 9.9 29.7#

Manual Integrations

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#89

n-Butylbenzene

Concen: 1.190 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052521.D

Acq: 28 Nov 2018 15:55

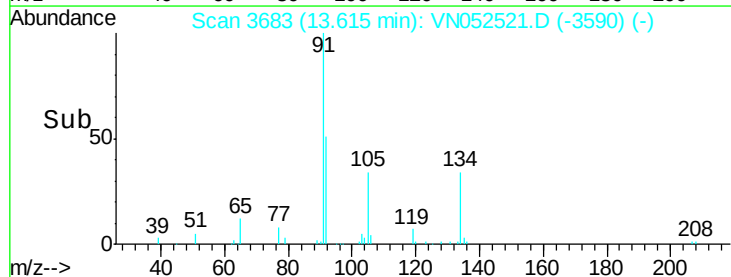
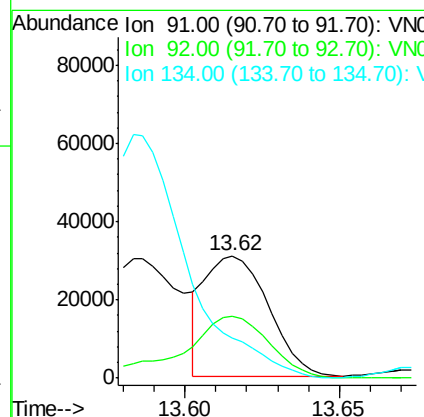
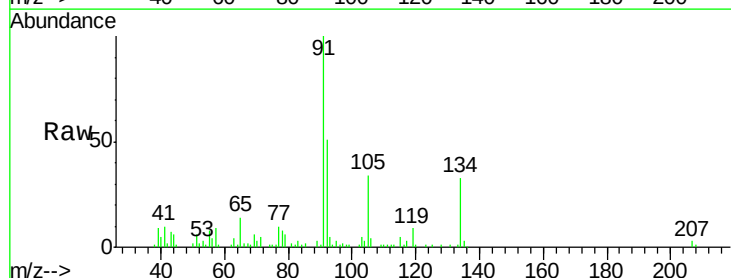
Tgt Ion: 91 Resp: 43778

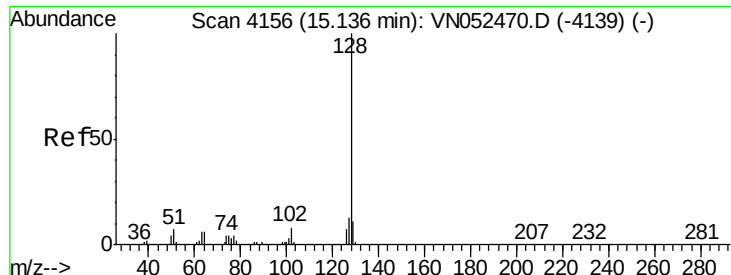
Ion Ratio Lower Upper

91 100

92 71.5 26.1 78.3

134 0.0 13.0 38.9#





#95
Naphthalene
Concen: 6.266 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052521.D
Acq: 28 Nov 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :
AOC2-01RMEDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.2	15.2#
129	11.4	8.7	13.1

Manual Integrations
APPROVED

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